

United States of America FEDERAL COMMUNICATIONS COMMISSION TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

BOARD OF TRUSTEES, MICHIGAN STATE UNIVERSITY	Kevin R. Harding
WKAR-AM/FM/TV	Associate Chief
404 WILSON RD, ROOM 212	Video Division
EAST LANSING MI 48824	Media Bureau
Facility Id: 6104	Grant Date: May 29, 2013
Facility Id: 6104 Analog TSID: 1494	2
-	This permit expires 3:00 a.m.
Analog TSID: 1494	2

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: BOARD OF TRUSTEES, MICHIGAN STATE UNIVERSITY

Station Location: MI-EAST LANSING

Frequency (MHz): 626 - 632

Channel: 40

Hours of Operation: Unlimited

Callsign: WKAR-TV Permit No.: BXPEDT-20110701AAH Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules. Antenna type: (directional or non-directional): Directional Description: DIE, TLP-16B-R Beam Tilt: 1 Degrees Electrical

Antenna Coordinates: North Latitude: 42 deg 42 min 07 sec West Longitude: 84 deg 24 min 48 sec Transmitter output power: As required to achieve authorized ERP.

180

Maximum effective radiated power (Average): 90 kW 19.5 DBK

Height of radiation center above ground: 152.4 Meters Height of radiation center above mean sea level: 411.5 Meters Height of radiation center above average terrain: 145 Meters Antenna structure registration number: 1265362

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

Major lobe directions

(degrees true):

1 For emergency , maintenance and test purposes only.

*** END OF AUTHORIZATION ***